



SWARC NEWS

Meeting Notes

The Club meeting was held October 1, 2018. A lot was talked about but evidently none of it was important. I say this due to the fact that no minutes were submitted for publication.

NET Report

***No NET Report has been submitted there is nothing to report
other than NETs were held.***

***Our NET Whip is working on the problem. Please we ask that
all net reports be sent to Jonathan at***

drafting_driver3226@yahoo.com

***Joe did comment that only one or two net controls were
turning in the net reports. Please send your reports to Joe.***

A big thank you to Joe for stepping up.

***Joe, KM4YTF is on the lookout for new net control operators. If
interested please contact Joe, KM4YTF.***

South Wake Amateur Radio Club Treasurer Report
September 2018

Club Addition and Reduction Activity

Additions

50/50	20.00	cash	50/50 at meeting
Meal	65.00	cash	collection for meal
Donation	7.00	cash	
Dues	35.00	cash	Steve (KA0GMY) and Gloria Mowels
		check	
Dues	30.00	#2856	Federico Lluberes (KK4HAQ)
		check	
Dues	30.00	#1266	David Yow (K4MSE)
Dues	30.00	cash	Ronald Cooney (K4AAA)
Dues	30.00	cash	Donald Nicholson (KN4OEY)
		check	
Dues	30.00	#7071	Andrew McDaniel (KN4JJU)
Dues	30.00	cash	Jonathan Wright (W1JCA)
		check	
Dues	30.00	#7003	Mark Perkins (NC4MP)
		check	
Dues	30.00	#2574	Stanley Ingram (W4SFI)
Total Additions	367.00		

Reductions

Meal cost	90.09	check #1666	reimbursed Gino (KI4YXO) for Smithfields BBQ
Donation	100.00	check #1667	donation to Fuquay Presbyterian Church for use of hall
Total Reductions	190.09		

RBC Bank Account Activity

Balance as of 09/10/2018	4572.62		
Addition	367.00		
Reduction	190.09		

Balance as of
10/01/2018 4749.53

Christine Fernandini KJ4AEO 10/01/2018

Memership Report

Ryan, NC4RA informed us that we currently have paid 54 members.

Howdy All,

The 2018-2019 membership dues are now due. Please send a check made out to SWARC for \$30.00 to the PO Box on the application or mail to me direct or bring it with you to the next club meeting.

Thank You

*Ryan Avery NC4RA
1635 Oak Grove Church Road
Angier, NC 27501*

Public Service

Charlie Davis, WA3UTC, and Fred Benson, NC4FB are planning to conduct a free Intro to Antennas class for Technician licensees. The class is restricted to a maximum of (15) Technician licensee 16 years old or older. Due to physical space limitations no license classes other than Technician or observers can be accommodated. Preregistration is required (no walk-ins) using the link directly below.

<http://ars.nc4fb.org/Tech-Intro-Antenna-Class/registration.php>

The class will be conducted in the Cary Area EMS training room located

at 107 Medcon Court, Cary, NC 27511 from 0900-1500 on Saturday December 8, 2018. The objective of the class is to provide Technician licensees with the knowledge and "hands on" skills to better understand and utilize amateur radio antennas.

CLASS SYLLABUS

- Part 1 Brief History of Antennas***
- Part 2 How Antennas Radiate***
- Part 3 Key Antenna Characteristics***
- Part 4 Antenna Impedance Matching Techniques***
- Part 5 Purpose and Use of Antenna Analyzers***
- Part 6 Purpose & Examples of Antenna Modeling***
- Part 7 How to profile Antennas***
- Part 8 Discussion of Various Types of Antennas***

We would appreciate it if you would announce the class to SWARC club members.

73.

Fred

Fred Benson

NC4FB

<https://nc4fb.org>

Vice President

To all SWARC club members.

I have received the quote for the club name badges.

Badge with pen back is \$8.00

Badge with magnetic back is \$9.00

**I will be taking orders and money at the tail gate on Saturday and at
the club meeting Nov. 5th.**

Prepaid badge orders will go in after the club meeting.

Al WA4TCJ

Next Meeting

The next meeting is November 5, 2018 to be held at the American Legion in Fuquay-Varina located at 6400 Johnson Pond Rd . Dinner will be our traditional ham dinner. The club provides the ham and we ask that the members bring a side dish to go with ham. Dinner served at 6 pm with the meeting to start at 7 pm. Please sign up so we know what size ham to buy. Program for the night will be Can We Talk.

BOARD OF DIRECTORS

President

Mike Gaither – K4MWG

Vice President

Brian Knox – KK4BK

Secretary

Joe Pittman - KM4YTF

Treasurer

Christy Fernandini - KJ4AEO

Member-At-Large

Al Crawford – WA4TCJ

Member-At-Large

David Sosnin – N4TTN

Member-At-Large

Richard Akelewicz – KI4UZI

Membership Chair

Ryan Avery , NC4RA

Appointed Positions

NET MANAGER

Joe - KM4YTF

Special Events Director

Gino Fernandini –KI4YXO

Public Service Director

David Krum – NW3U

SWARC Mission Statement

South Wake ARC's primary purpose is to further the Amateur Radio Service through programs, activities, and education, in order to promote the radio knowledge, fraternalism and individual operating efficiency of our members. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the Amateur Radio Service.

LINKS (if you have other links you want added then send them to me)

PRN

A Wide Area Digital Amateur Radio Network www.ncprn.net

GigaParts

www.gigaparts.com

QRZ

www.qrz.com

Ham Radio Outlet HRO

www.hamradio.com

Raleigh Amateur Radio Society RARS

www.rars.org

Johnson Amateur Radio Society JARS

www.jars..net

South Wake Amateur Radio Club SWARC

www.southwakearc.com

Pictures from last meeting





FCC Fines Amateur Radio Licensee \$25,000 for Operating Unlicensed FM Station

11/01/2018

In an FCC Enforcement Bureau case going back to early 2015, a Paterson, New Jersey, Amateur Radio licensee has been penalized in the amount of \$25,000 for allegedly continuing to operate an unlicensed FM radio station. The FCC issued a *Forfeiture Order* on October 30 to Winston A. Tulloch, KC2ALN, a General class licensee. The fine followed an April 2018 *Notice of Apparent Liability for Forfeiture*(*NAL*) issued to Tulloch for alleged “willful and repeated violation” of Section 301 of the Communications Act of 1934, as amended, by operating an unlicensed FM radio station on 90.9 MHz in Paterson. Tulloch did not respond to the *NAL*, the FCC indicated.

“Commission action in this area is essential because unlicensed radio stations do not broadcast Emergency Alert Service messages and therefore create a public safety hazard for their listener,” the FCC said in the *Forfeiture Order*. “Moreover, unlicensed radio stations create a danger of interference to licensed communications and undermine the Commission’s authority over broadcast radio operations.”

Following up on February 2015 complaints regarding pirate radio operations in Paterson, FCC agents spotted a signal on 90.9 MHz that “appeared to be an unauthorized radio station.” Agents determined the signal was emanating from a multi-family dwelling and noticed an FM antenna on the structure. The measured field strength exceeded the limits allowed for Part 15 unlicensed devices.

Through a solicitation broadcast on the station for advertisers and a vehicle parked outside the building, the FCC agents were able to determine that the telephone number in the announcement belonged to Tulloch, and the car was registered in his name. FCC agents made several visits to Paterson in late 2015 and early 2016. In October of 2016, agents returned to Paterson and determined that the signal source had relocated to another nearby multi-family structure. A *Notice of Unlicensed Operation* (*NOOU*) was posted on the door of the building and the following month, the FCC mailed an *NOOU* to Tulloch.

Subsequent visits revealed that the station was still in operation, and, at some point, had moved back to its prior location. Additional *NOOUs* were issued. Finally, on September 15, 2017, two agents returned to Paterson and determined that the station no longer was on the air.

In the *Forfeiture Order*, the FCC incorporated by reference the details of the investigation spelled out in the earlier *NAL*.

The Tulloch case is among dozens that the FCC Enforcement Bureau has initiated in the past couple of years in efforts to shut down pirate broadcasters across the US, the vast majority of which are *not* FCC amateur licensees.

JK Antennas Donates 40-Meter Yagi to W1AW

11/01/2018

JK Antennas' Ken Garg, W3JK, has donated a second model **JK402T** antenna to Maxim Memorial Station W1AW. The antenna is a two-element Yagi on a 22-foot boom with capacitive loading. The JK402T replaces the old Cushcraft XM-240 40-meter Yagi that had been used for visitor operations. The donation included a new balun, donated via W3JK by **Balun Designs LLC**. The new antenna went up on the tower on October 30.

"W1AW extends heartfelt thanks to Ken Garg, W3JK, for a second donation to W1AW," W1AW Station Manager Joe Carcia, NJ1Q, said. "Located at approximately 130 feet above ground, the new JK402T exhibits a nearly flat SWR across the entire 40-meter band. W1AW guest operators who may be active on 40 meters with this antenna should see improved performance over the old one, which was showing signs of aging."

Brief ARRL Website Outage Planned for Wednesday, November 7

11/04/2018

Some services on the ARRL website will be interrupted briefly on Wednesday, November 7, sometime between 1000 UTC and 1200 UTC. This outage is to accommodate a hardware upgrade of the existing Rackspace firewall, so most future firewall updates and patches can be performed without interrupting website access. Affected systems are the main website, including the ARRL Store and contesting-related pages. Logbook of The World (LoTW), e-mail, and all Headquarters will *not* be affected. We apologize for any inconvenience.

